January 5, 2011

Mr. Michael J. Pacilio Senior Vice President, Exelon Generation Company, LLC President and Chief Nuclear Officer (CNO), Exelon Nuclear 4300 Winfield Rd Warrenville, IL 60555

SUBJECT:

LIMERICK GENERATING STATION - NRC SECURITY INSPECTION REPORT

05000352/2010403 AND 05000353/2010403

Dear Mr. Pacilio:

On December 3, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Limerick Generating Station, Units 1 and 2. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on December 3, 2010, with Mr. William McGuire, Site Vice President and other members of your staff.

The inspection examined activities conducted under your licenses as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your licenses. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

This report documents one NRC-identified finding of very low security significance (i.e., Green as determined by the Baseline Security Significance Determination Process). The deficiency was promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the inspectors left the site. The finding had a cross-cutting aspect in the area of human performance under work practices because Exelon did not effectively communicate expectations regarding compliance with regulatory requirements and personnel following procedures [H.4(b)].

However, because of the very low security significance and because it is entered into your corrective action program, the NRC is treating this violation as a non-cited violation (NCV), consistent with Section 2.3.2 of the NRC's Enforcement Policy. If you contest this non-cited violation, you should provide a response within 30 days of the date of this inspection report, with

Enclosure contains Sensitive Unclassified Non-Safeguards Information. When separated from enclosure, this transmittal document is decontrolled.

M. Pacilio

2

the basis for your denial, to the Nuclear Regulatory Commission, ATTN.: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, Region I; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington DC 20555-0001; and the NRC Resident Inspector at the Limerick Generating Station.

In addition, if you disagree with the cross-cutting aspect assigned to the finding in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Regional Administrator, Region I; and the NRC Resident Inspector at the Limerick Generating Station.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system, ADAMS. ADAMS is accessible from the NRC Website at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room). However, because of the security-related information contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information - Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

/RA/

James M. Trapp, Chief Plant Support Branch 1 Division of Reactor Safety

Docket Nos: 50-352, 50-353 License Nos: NPF-39, NPF-85

Enclosure:

NRC Inspection Report No. 05000352/2010403 and 05000353/2010403

w/Attachment: Supplemental Information

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cc w/encl; w/OUO-SRI

C. Gerdes, Manager, Nuclear Security, Limerick Station

D. Allard, State Of Pennsylvania SLO

cc w/o encl; w/o OUO-SRI: Distribution via ListServ

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SUNSI Review Complete: __JMT____ (Reviewer's Initials) ADAMS ACC #ML110060018

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M. Pacilio

3

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